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POLLUTION CONTROL DIVISION

Alberta
ENVIRONMENT

ALBERTA WATER AND

WASTEWATER FACILITIES SURVEY

1985

GOVERNMENT OF ALBERTA

ALBERTA ENVIRONMENT
POLLUTION CONTROL DIVISION
MUNICIPAL ENGINEERING BRANCH
5TH FLOOR, OXBRIDGE PLACE
9820 - 106 STREET
EDMONTON, ALBERTA

PREFACE

Each year the Municipal Engineering Branch of Alberta Environment prepares a Facilities Survey in an attempt to keep an up-to-date listing of municipal water and wastewater systems in the Province of Alberta. It is intended as an efficient abstract of a municipality's waterworks and sewerage information.

Although considerable effort is expended in cross-checking information due to the continually charging nature of the facilities, the Municipal Engineering Branch cannot ensure the accuracy of all of the material contained herein.

The first section of this survey summarizes the information on municipally owned systems contained in Appendix A - Municipalities. Table I summarizes the water and wastewater systems, while Table II categorizes the municipalities into population groups and further breaks these down into the number of communities serviced by water and wastewater systems. Figure 1 shows graphically the growth of municipally-owned waterworks and wastewater treatment facilities during the last 40 years. The numbers used in Tables I, II, and Figure 1 do not incorporate the numerous trailer parks, schools, etc., contained in Appendixes B to F. These Appendices summarize information on the facilities that are not municipally owned, but are subject to inspection by the Municipal Engineering Branch. Included are 29 trailer parks, 37 schools, 31 Hutterite Colonies, 53 subdivisions, and 84 other sites (i.e. provincial parks, correctional institutions, etc.). The list of these facilities should not be considered complete because the status of these developments change constantly with some facilities ceasing operation and new ones beginning operation.

The Appendices contain the following information:

1. Current population;
2. Sources of water supply (ground and/or surface);
3. Types of treatment applied to water supplies (plus chlorination and/or fluoridation);
4. Types of treatment applied to raw sewage; and,
5. The sewage discharge date and discharge route.

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TABLE I
SUMMARY OF MUNICIPALLY OWNED WATERWORKS AND WASTEWATER TREATMENT

WATERWORKS	
Total number of communities served by waterworks	399
Communities using waterworks only (no sewerage system)	67
Communities using groundwater only	184
Communities using surface supply only	166
Communities using both ground and surface supplies	15
Communities using another municipality's source or Regional source	30
Communities using own and another municipality's source or regional source	4
Communities using chlorinated supplies	317
Communities using fluoridated supplies	74
Communities using watering points	43
Total population served	1,925,593
Percentage of Alberta Population served (not including National Parks or Lloydminster)	83.07
Number of listed communities with no water system	45
Number of listed communities with proposed waterworks	1
Number of listed communities proposing upgrading of waterworks	14
WASTEWATER	
Total number of communities served	377
Communities with sewerage only (no waterworks)	45
Communities using short and/or long detention lagoons only	306
- with aerated lagoons	11
- with sloughs	1
- with extended aeration	1
- with R.B.C. plants	2
- with activated sludge	1
- with regional facilities	1
Communities using aerated lagoons only	12
Communities using oxidation ditches	3
Communities using extended aeration/contact stabilization	7
Communities using activated sludge	5
Communities using septic tanks	3
Communities using another community's facilities or Regional facilities	15
Communities using R.B.C. plants only	9
Total population served	1,926,022
Percentage of Alberta population served (not including National Parks or Lloydminster)	83.09

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TABLE I (continued)
SUMMARY OF MUNICIPALLY OWNED WATERWORKS AND WASTEWATER TREATMENT

Number of listed communities with no wastewater system	67
Number of listed communities with proposed wastewater system . .	3
Number of listed communities proposing upgrading of wastewater system	11

* Anthony Henday Plant serves several communities in the Red Deer region
* Hardieville is annexed by Lethbridge but the 2S, 2L lagoon still serves this community

OTHER

Total Alberta Population	2,318,064
(not including National Parks or Lloydminster)	
Total number of communities listed	440

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TABLE II
SUMMARY BY POPULATION GROUPS

POPULATION GROUP	NUMBER OF COMMUNITIES	COMMUNITIES SERVICED BY WATERWORKS SYSTEM	COMMUNITIES SERVICED BY WASTEWATER SYSTEM
10,000 and above	15	15	15
3,000 - 9,999	45	45	45
1,000 - 2,999	54	54	54
500 - 999	44	42	44
300 - 499	52	52	52
299 and below	234	191	167
TOTAL	444	399	377

Crowsnest Pass is considered to be five communities listed as having water and wastewater systems.

Population figures are compiled by employing the Inspection Branch of Alberta Municipal Affairs, 1983 Alberta Road Map, and previous surveys.

Lloydminster, hamlets with no systems, institutions, most summer villages and national parks are not included.

FIGURE 1

GROWTH OF WATERWORKS AND SEWERAGE IN ALBERTA

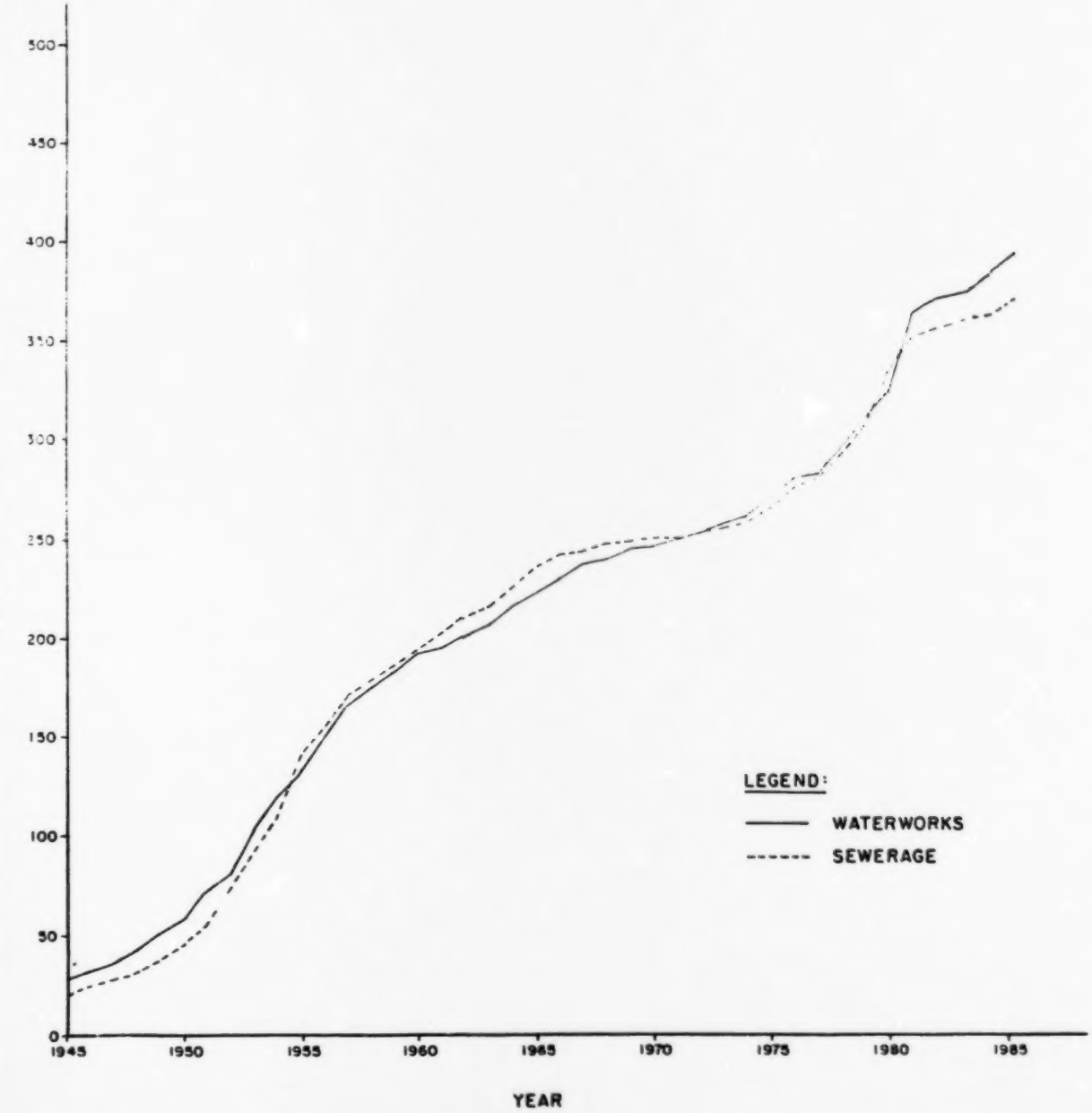

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TABLE III

LIST OF ABBREVIATIONS

A. Sludge	- Activated Sludge
A	- Aerated
B.R.I.D.	- Bow River Irrigation District
Cl_2	- Chlorination
C	- City
CRSTP	- Capital Region Sewage Treatment Plant
Comp.	- Coagulation, Sedimentation, Filtration
D.E. Filt.	- Diatomaceous Earth Filter
E.I.D.	- Eastern Irrigation District
F	- Fluoridation
G. Filt.	- Gravity Filter
H	- Hamlet
I. Tank	- Imhoff Tank
I. Gal.	- Infiltration Gallery
Ir. Rem.	- Iron Removal
L	- Long Detention
L.N.I.D.	- Lethbridge Northern Irrigation District

TABLE III (continued)

LO	- Locality
M. Strain.	- Micro Strainer
NT	- New Town
Oz.	- Ozone disinfection
P. Filt.	- Pressure Filter
P	- Proposed
Pot. perman.	- Potassium Permanganate
R.B.C.	- Rotating Biological Contactor
R. Sand.	- Rapid Sand Filter
S	- Short Detention
SERTS	- Southeast Regional Trunk Sewer
SiO_2	- Sodium Silicate (Iron Sequestering)
S.M.I.D.	- St. Mary's Irrigation District
S. Sand	- Slow Sand Filter
S. Tank	- Septic Tank
T	- Town
T. Oxid.	- Total Oxidation
Tr. Filt.	- Trickling Filter
V	- Village
W.P.	- Watering Point
W.I.D.	- Western Irrigation District

APPENDIX A

MUNICIPALITIES

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Acadia Valley	H	125	Ground		Nil			Lagoon - 1L	12		Creek (24km) to Red Deer River
Acme	V	492	Ground		Nil		+	Lagoon - 4S, 2L	+7	April 18	Kneehills Creek to Red Deer River
Airdrie	C	10,431	Calgary		From Calgary		+	To Calgary			Bow River via Calgary Bonnybrook W.W.T.P.
Alberta Beach	SV	513	Private					Lagoon - 4S, 2L	+12		Sturgeon River
Alcomdale	H	62	Ground		Nil			Lagoon - 2L	12		Drainage Ditch - creek - Sturgeon River
Alder Flats	H	106	Private					Lagoon	12	October 28	Rose Creek
Alix	V	837	Ground		P. Filt, Aeration		+	Lagoon - 4S, 4L	+12		Parlby Creek to Buffalo Lake
Alliance	V	208	Surface	Coulee	Comp.		+	Lagoon - 1L	7	May 1, Oct. 8	Creek south to Battle River
Altario	H	50	Private					Lagoon - 1L	+12		Slough
Amisk	V	217	Ground		Ir. Rem.		+	Lagoon - 1L	-12		West side of lagoon to a ditch going south
Andrew	V	569	Ground		Iron Removal		+	Lagoon - 4S, 3L	+12		Drains Northwest corner to Egg Creek then to N. Saskatchewan
Anzac	H	165	Ground		Softening W.P. P(new)			Private			
Ardmore	H	224	Ground		Iron Removal		+	Lagoon - 2S, 2L	+12	April 13	Muriel Creek South of Ardmore
Ardrossan	H	103	Ground		Ion Exchange softening		+	Lagoon - 2S, 2L	6	Apr 1, Oct 21	Northeast corner of lagoon to ditch to Point Aux Pins C
Arrowwood	V	154	Ground		Nil			Lagoon - 1S, 1L	10		Adjacent drainage course, east unnamed creek
Ashmont	H	153	Surface	Upper Mann Lake	Nil		+	Lagoon - 2S, 2L	+12		Creek to Mann Lakes

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Athabasca	T	1,933	Surface	Athabasca River	Comp. + Carbon	+	+	Lagoon - 2A, 1S	1.5	Continuous Discharge	East side of Athabasca River
Barnwell	V	373	Surface	From Taber	P. Filt.		+	Lagoon - 2S, 3L	+12		Irrigation
Barons	V	334	Surface	Irrigation Ditch	R. Sand		+	Lagoon - 2L	+12		Evaporation
Barrhead	T	3,849	Surface	Paddle River	Comp	+	+	Lagoon 3A, 3L (New)	+7	April 22 Oct. 1	To Paddle River
Bashaw	T	875	Ground		Nil			Lagoon - 4S, 3L	+12		Sunbar Lake
Bassano	T	1,230	Surface	Bow River via Bassano Dam	G. Filt, R. Sand.		+	Lagoon - 4S	1/2	Continuous Discharge	East side of #4 Lagoon to land locked slough
Bawlf	V	368	Ground		Iron removal			Lagoon - 2S, 2L	+12	April 15	Drainage ditch - Dried Meat Creek
Beaumont	T	3,723	Edmonton		Edmonton Supply	+	+	SERTS		March 27	
Bear Canyon	H	9	Surface	Surface Runoff	Iron Removal		+	Private			
Beaverlodge	T	1,937	Surface	Beaverlodge River	Complete		+	Lagoon - 4S, 1L P (new)	+7	Apr 29, Nov 4	South into Beaverlodge River
Beiseker	V	648	Ground		Nil		+	Lagoon - 2S, 2L	12	Nov. 4	Drainage Ditch (1km) to Creek (16km) to Rosebud River
Bellis	H	58	Private					Lagoon - 1L	12+		
Belloy Springs		0	Ground		Nil			Private			
Benalto	H	105	Ground		Nil			Lagoon - 2S, 1L	6		Drainage ditch to Medicine River
Bentley	V	825	Ground		Nil		+	Lagoon - 2S, 2L	+9	May 1	Blindman River
Berwyn	V	674	Ground		Nil			Lagoon - 4S, 2L	+7	April	Irrigation & Peace River
Bezanson	H	75	Ground	Well	Nil			Private P (Lagoon)			

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Big Valley	V	360	Ground		Nil			Lagoon - 4S, 2L	12	Apr 16, Oct 30	Big Valley Creek
Bittern Lake	V	153	Private					Lagoon - 1L			Landlocked slough adjacent to lagoon
Black Diamond	T	1,450	Surface	Sheep River	P.Filt.		+	Lagoon - 2S, 1L	7	May 21 Nov. 18	Sheep River
Blackfalds	T	1,614	Ground		Aeration		+	Lagoon - 2S, 1A, 1S		Continuous	Red Deer River
Blackfoot	H	208	Ground		Nil			Lagoon - 1L	12		Southeast to ditch
Blackie	V	343	Ground		Nil			Lagoon - 1L	12	April 22 Oct. 15	Undefined drainage course
Blue Ridge	H	260	Ground				+	Lagoon - 1L	+7	May 8	Ditch to Creek to Athabasca River
Bluesky	H	139	Surface	Surface runoff	Comp.		+	Lagoon - 2S, 1L	+12	Sept. 30	Chocolate Creek
Bluffton	H	151	Ground		Nil			Lagoon - 2L	+12		Blindman River
Bon Accord	T	1,425	Ground		Iron Removal		+	Lagoon - 1A, 2S, 1L	+12	October 7	Sturgeon River
Bonnyville	T	5,223	Surface	Moose Lake	Comp., Softening	+	+	Lagoon - 4S, 2L	+12		Suncor
Borgel - Whitelaw			Ground		Nil, W.P			Private			
Botha	V	190	Private					Lagoon - 1S, 1L	+12		1 km to Creek
Bowden	T	983	Surface + Ground		Blended from Mtn. View Water Line		+	Lagoon - 4S, 2L	10		6 km in drainage ditch to Bowden Creek
Bow Island	T	1,499	Surface	St. Mary's Irrigation	P. Filt.	+	+	Lagoon - 2S, 2L	7	November 18	To Irrigation Drain
Boyle	V	703	Surface	Skeleton Lake	P. Filt.		+	Lagoon - 4S, 2L	+12	Apr 29, Oct 9	Manmade ditch - creek - Flat Lake
Breton	V	534	Ground		Nil			Lagoon - 4S, 2L	+12	October 21	Modeste Creek
Brooks	T	9,421	Surface	Lake Newell	R. Sand		+	Lagoon - 7S, 5L	+12	May 13	One Tree Creek

MUNICIPALITY	Comp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Brownfield	H	16	Ground		Nil			P (New)			
Brownvale	H	145	Ground		Softening, Aeration			Lagoon - 1L	12		No drainage
Bruce	H	96	Surface	Creek	P. Filt		+	Lagoon - 2L	+12	April 10	Creek to Vermilion River
Bruderheim	T	1,238	Vegreville		Regional Water Corridor	+	+	Lagoon - 4S, 3L	12		North to Beaverhill Creek
Brule	H	71	Surface	unnamed mountain creek	Filtration		+	Private			
Buck Creek	H	57	Private					Lagoon - 1L	+12		Drainage Ditch
Burdett	V	262	Surface	Irrigation Supply S.M.I.D.	P. Filt.		+	Lagoon - 1L	7		Drainage Ditch to Slough
Busby	H	77	Ground		Nil		+	Lagoon - 1L	+7	April 22	Swamp
Byemoor	H		Ground		Nil		+	Lagoon - 1S, 1L	+12		
Cadogan	H	62	Ground		Nil			Lagoon - 2S, 2L	+12		
Cadomin	H	114	Ground		Nil W.P.			Private			
Cadotte Lake	H	157	Ground		W.P.			Private			
Calgary	C	625,143	Surface	Elbow & Bow Rivers	Comp.		+	A. Sludge, 2 Secon.		Continuous	Bow River
Calling Lake	H	330	Surface	Calling Lake	Comp. W.P.		+	Lagoon - 2S, 2L	+24		Creek to Calling Lake
Calmar	T	1,137	Leduc-Strathcona Water Board			+	+	Lagoon - 2S, 2L	7	April 22 October 28	Conjuring Creek
Camrose	C	12,751	Recharge Wells		Nil		+	Lagoon - 4S, 4L	7	April 15 October 25	Camrose Creek to Battle River
Canmore	T	4,012	Surface + Ground	Spray Lakes	Direct Filtration		+	RBC		Continuous	Bow River
Canyon Creek	H	145	Surface	Slave Lake	Complete Act. Carbon WP P (dist. system)		+	Private			
Carbon	V	438	Ground		Nil			Lagoon - 2S, 3L	7		Knee Hill Creek
Cardston	T	3,546	Surface	Lee Creek	I. Gal.	+	+	RBC		Continuous	Lee Creek

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Carmangay	V	272	Ground + Surface	Little Bow River	P. Filt.		+	Lagoon - 2S, 1L	+7		Little Bow River
Caroline	V	431	Ground		Nil		+	Lagoon - 2A	6	Continuous	To Raven River
Carseland	H	484	Ground		Nil		+	Lagoon - 4S, 3L	+12		Bow River
Carstairs	T	1,725	Surface + Ground		Partial Blending of Mountainview Water Line		+	Lagoon - 4S, 2L	12		Tributary to Rosebud River
Castor	T	1,123	Surface	Castor Creek	Comp. & Aeration		+	Lagoon - 4S, 2L	+9		Castor Creek
Cayley	V	232	Surface	Squaw Coulee	R. Sand		+	Lagoon - 1L	2	June 10	5 km to Mosquito Creek
Cereal	V	258	Ground		Nil		+	Lagoon - 2L	12		Ditch along road for 2 miles to alkali slough
Cessford	H	27	Surface	Dugout	P. Filt.		+	Lagoon - 1L			
Champion	V	380	Surface	Bow River to Lake McGregor by canal to Traver's Dam	R. Sand		+	Lagoon - 1L	7	March 21 November 12	Drains south over farmland
Chauvin	V	371	Ground		Ir. Rem.		+	Lagoon - 2S, 2L	12	May 1	Lake beside
Cherhill	H	79	Private					Lagoon - 1L	+12		Unnamed creek to Paddle River
Chestermere Lake	SV	550	Private					Piped to Calgary			
Chipewyan Lk.	H	157	Surface		Filt. WP		+	Private			
Chipman	V	281	Vegreville Regional Water Corridor			+		Lagoon - 4S, 2L	+12		Manmade Drainage ditch to Beaverhill Creek
Clairmont	H	469	Ground		Nil		+	New Lagoon 4S,2L	12		Ferguson Lake, Bear Lake
Clandonald	H	111	Ground		Iron Removal			Lagoon - 1L	+1	October 15	Ditch
Claresholm	T	3,493	Surface + Ground	Willow Creek	Comp.		+	Lagoon - 4S, 4L	7		Irrigation or Willow Creek to Old Man River

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Clive	V	365	Ground		Nil		+	Lagoon - 2S, 2L	+12		Ditch to Parlby Creek
Cluny	V	111	Private					Lagoon - 1L	12	March 26	Overland 10 km to Bow River
Clyde	V	406	Ground		Iron Removal		+	Lagoon - 4S, 2L	12	May 13	Ditch to Wakomao Lake
Coaldale	T	4,819	Surface	St. Mary's River	P. Filt/ M. Strain	+	+	Lagoon - 4S, 3L	8	September 23	N.E. Chin Lake Irrigation Reservoir and/or irrigation
Coalhurst	V	1,273	Surface	Oldman River	I. Gal., G. Filt. R. Sand		+	Lagoon - 2A, 1L	6	October 22	Oldman River
Cochrane	T	4,044	Surface	Bow River	I. Gal., R. Sand		+	Lagoon - 3A, Cl_2		Continuous	Bow River
Cold Lake	T	2,805	Surface	Cold Lake	G. Filt.	+	+	Cold Lake/Grande Centre Regional Sewage System	+12		Beaver River
Colinton	H	117	Ground		SiO_2		+	Lagoon - 1L	+12	No discharge	Tawatinaw River
College Heights	H	257	Ground	NIL				Lagoon - 2L		Continuously	Slough
Condor	H	74	Private					Lagoon - 1L	+12	April 22	Last Hill Creek
Conklin	H	116	Ground		W.P.			Private			
Consort	V	672	Ground		R. Sand.		+	Lagoon - 2S, 1L	8	March 29	S.E. Corner to Loyalist Creek
Coronation	T	1,268	Ground		Nil		+	Lagoon - 4S, 1L	+7		Ribstone Creek
Coutts	V	400	Surface	Milk River	I. Gal., S. Sand		+	Lagoon - 2S, 1L	1-2	October 14	Slough to East of Lake
Cowley	V	304	Surface	Crowsnest River	I. Gal.		+	Lagoon - 2S, 2L	+12		Castle River
Craigmyle	H	57	Ground		Nil			Lagoon - 2S, 1L		No Discharge	
Cremona	V	410	Ground		Nil		+	Lagoon - 2S, 2L	12		6 km in creek to Little Red Deer River

MUNICIPALITY	Comp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Crooked Creek			Ground		W.P.		+	Private			
Crossfield	T	1,401	Surface 2 sources	Mountainview Nose Creek	Comp. Blending with Mountainview Water Line		+	Lagoon - 4S, 2L	12		Nose Creek (irrigation)
Crowsnest Pass		7,577									
- Bellevue	T		Surface	unnamed creek	Filtration		+	2A		Continuous	Crowsnest River
- Blairmore	T		Surface & ground	York Creek	Nil	+	+	Oxidation Ditch		Continuous	Crowsnest River
- Coleman	T		Ground		Nil	+	+	Oxidation Ditch		Continuous	Crowsnest River
- Frank	T		Blairmore		Nil		+	Blairmore			
- Hillcrest	T		Surface	Drum River	Nil		+	Bellevue			
Cynthia	H	53	Ground		Nil			Lagoon - 1L	7	October 7	Creek Northwest of Lagoon
Czar	V	188	Private					Lagoon - 1S, 1L	12		Ribstone Creek to Battle River
Darwell	H		Private					Lagoon - 1L		Evaporation	
Daysland	T	709	Ground		Iron Removal		+	Lagoon - 4S, 2L	12		Drainage ditch (D.D.B.)
Deadwood	H	13	Surface	Spring	I. Gal., W.P.		+	Private			
Debolt	H	117	Ground		Nil		+	Lagoon - 1L	+12	March 25	Tributary to Harper Creek
Deerhill	H	0	Ground		W.P.			Private			
Delburne	V	564	Ground		Nil		+	Lagoon - 4S, 3L			Rapid infiltration to Delburne Lakes
Delia	V	239	Ground		Nil			Lagoon - 1L	7		Michichi Creek
Derwent	V	132	Ground		Nil			S. Tank, Slough			
Desmarais	H	350	Surface	S. Wabasca Lake	Comp.		+	Cl_2, RBC		Continuous	S. Wabasca Lake
Devon	T	3,931	Surface	North Sask. River	Comp.	+	+	Cl_2, RBC		Continuous	N. Saskatchewan
Dewberry	V	187	Ground		Nil		+	Lagoon - 2L	12		Creek to Vermilion River
Didsbury	T	3,219	Surface		Mountainview Water Line		+	Lagoon - 4S, 3L	12	March 20	Rosebud Creek
Dixonville	H	74	Ground	1 well (Serves H) 1 well (1 mile from H serves as W.P.)	Nil		+	Lagoon - 1L	+12	October 22	Gulley to Whitemud River

MUNICIPALITY			WATERWORKS					WASTEWATER			
	Comp. Status	Pop.	System	Source	Treatment	F	Cl_2	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Donalda	V	256	Ground		Nil			Lagoon - 2L	7		Meeting Creek to Battle River
Donnelly	V	407	Surface	Canal - Winagami Lake, spring	Comp.		+	Lagoon - 4S, 2L	+7		Hunting Creek
Drayton Valley	T	4,982	Surface	North Sask. River	Comp.	+	+	Lagoon - 2A		Continuous	Creek to N. Saskatchewan River
Drumheller	C	6,671	Surface + Ground	Red Deer River	Comp.	+	+	Extended Aeration Plant, Cl_2		Continuous	Piped to Red Deer River
Duchess	V	417	Surface	Rocky Lake	P. Filt.		+	Lagoon - 4S, 2L	12	May 4	Irrigation
Eaglesham	V	201	Surface	Runoff	Comp.		+	Lagoon - 1L	6	April 9 November 5	Southeast across farmers field
East Manning	H		Surface	Runoff	I. Gal.		+	Private			
East Ridge	H		Ground		Nil W.P.			Private			
Eckville	T	842	Ground		P. Filt.		+	Lagoon - 4S, 2L	+12	April	Medicine River
Edberg	V	150	Ground		Nil			Lagoon - 1L	12	Nov. 5	Dry coulee
Edgerton	V	389	Ground		Nil		+	Lagoon - 1S, 1L	10	Continuous	Large slough
Edmonton	C	560,085	Surface	North Sask. River	Comp., Softening	+	+	1 Secondary A Sludge (Main Plant)		Continuous	North Saskatchewan
								*Lagoon - 3S, 3L (*CRSTP after June 1985)	6	Continuous Apr. to Nov.	North Saskatchewan River
Edson	T	7,110	Ground		Nil		+	Lagoon - 3S, 2A 1L (2L available)		Continuous	Pipeline to McLeod River
Egremont	H	61	Ground		W.P.			Lagoon - 1L	+12		Ditch to Redwater River
Elk Point	T	1,208	Surface	Atimosne Creek	Comp.	+	+	2A		Continuous	Piped to N. Saskatchewan River
Elkwater	H	89	Ground		Nil		+	Lagoon - 2L	12	September 10	Adjacent field to slough at east end of Elkwater Lake

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Elnora	V	262	Ground		Nil		+	Lagoon - 4S, 2L	12	March 19	Ghostpine Creek
Empress	V	254	Ground		Nil		+	Lagoon - 1L	12		Not drained yet - built on sandy soil - if necessary to Red Deer River
Enchant	H	68	Surface	Irrigation Canal	P. Filt.		+	Lagoon - 1L	12		Irrigation Canal
Endiang	H		Ground	Nil			+	Private			
Enilda	H	142	Surface		Supply line from High Prairie		+	Private			
Entrance	H	89	Ground	Spring	Nil			Private			
Entwistle	V	468	Ground		Iron Removal		+	Act. Sludge + 2L	6	April 23 October 21	Drainage course to Pembina River
Erskine	H	259	Private					Lagoon - 2L	12	October 1	Local creek to Red Deer River
Etzikom	H	69	Ground		Nil			Private			
Eureka River	H	4	Ground		Nil W.P.			Private			
Evansburg	V	784	Ground		Nil		+	Lagoon - 4S, 2L	7	Sept. 18	Lobstick River
Fairview	T	3,234	Surface + Ground	Cummings Lake	Comp. P(Peace River Water Supply)	+	+	Lagoon - 4S, 2L	12	April 16	Piped to Creek to Peace River
Falher	T	1,188	Surface	Canal, Winagami	Comp.	+	+	Lagoon - 4S, 2L	-12	March 20	Drainage ditch to Peavine Creek to farmer's fields
Faust	H	399	Surface	Slave Lake	Filtration		+	Lagoon - 4S, 3L	+12	Oct. 15	Field to Creek 1 Mile - Lesser Slave Lake
Fawcett	H	88	Ground		Iron Removal		+	Lagoon - 1L	+12	May 1	Pembina River
Ferintosh	V	155	Surface	Little Beaver Lake	Comp.		+	Lagoon - 2L	+12		Meeting Creek
Foremost	V	617	Ground + surface		Aeration		+	Lagoon - 2S, 2L	12		To Chin Coulee
Forestburg	V	973	Ground		Iron Removal	+	+	Lagoon - 3L	+12	Oct. 8	

MUNICIPALITY	Comp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Fort Assininiboine	V	214	Ground		Iron Removal (Standby)		+	Lagoon - 1L	+7		Athabasca River
Fort Chipewyan	H	944	Surface	Lake Athabasca	S. Sand		+	Lagoon - 2S	3	Continuous	Riviere des Rachets
Fort Kent	H	107	Ground		Ardmore			Lagoon - 2L	12	April 3	Muriel Creek
Fort MacKay	H	267	Trucked from Fort McMurray		W.P.		+	Private			
Fort MacLeod	T	3,139	Surface	Oldman River	P. Filt./I. Gal.		+	RBC, Cl_2		Continuous	Old Man River
Fort McMurray	C	36,810	Surface	Athabasca River	Comp. P(new)	+	+	3A P(6A)	3	Continuous	West Bank, Athabasca River
Fort Sask.	T	12,474	Edmonton			+	+	Lagoon - 6S		Continuous	North Saskatchewan
Fort Vermilion	H	752	Surface	Peace River				Lagoon - 4S, 2L	7	April 30	Piped to Peace River
Fox Creek	T	1,978	Ground		Nil P(Iron Treatment)		+	Lagoon - 4S, 4L	+7	April 22, Oct. 7	Fox Creek to Iosegon Lake
Galahad	V	182	Ground		Iron Removal			Lagoon - 2L	12	Oct. 8	Slough
Gibbons	T	2,620	Edmonton			+	+	Lagoon 4S, 3L P(regional)	+6	Oct. 1	Sturgeon River
Gift Lake	H	428	Surface	Gift Lake	P. Filter		+	Lagoon - 2S 2L	+12		Outlet Creek from Gift Lake
Girouxville	V	325	Surface	Winagami Canal	Comp.		+	Lagoon - 2S, 2L	+12	May 6	Ditch to field
Gleichen	T	381	Surface + Ground	Irrigation Canal	Comp.		+	Lagoon - 2S, 2L	7		Overland to Bow River
Glendon	V	471	Surface	Minnie Lake	P.Filt		+	Lagoon - 4S, 2L	12	Sept. 23	Ditch to Connaught Creek
Glenwood	V	297	Ground		P. Filt., Ir. Rem.		+	Lagoon - 2S, 1L	+7	May 6	Cross country to Belly River
Goodwin		0	Ground		Nil W.P.			Private			
Grand Centre	T	3,506	Cold Lake Regional Water System			+	+	CL/GC Regional Sewage System + Lagoon - 4S, 3L	12		Beaver River

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl²	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Grande Cache	NT	4,624	Surface	Victor Lake	P. Filt., Pot. Perman.		+	Extended Aeration		Continuous	West to Smoky River
Grande Prairie	C	25,056	Surface	Wapiti River	Comp.	+	+	RBC	1		Wapiti River
Granum	T	399	Surface	Willow Creek	Comp.		+	Lagoon - 2S, 3L	+12		Irrigation
Grassland	H	66	Surface	Runoff	Comp.		+	Lagoon - 1S, 1L	+7	June 4	Ditch to Unnamed Creek east
Grassy Lake	V	211	Surface	Irrigation Canal	P. Filt.		+	Lagoon - 1L			Landlocked slough adjacent field
Greencourt	H	70	Private					Lagoon - 1S, 1L		Evaporation	
Griffin Creek		0	Ground		W.P.			Private			
Grimshaw	T	2,645	Ground			+	+	Lagoon - 4S, 2L	7	May 6, Oct. 1	8 miles ditch to Creek to Peace River
Grouard	H	490	Surface	Buffalo Bay	P. Filt., Iron Removal, Act. Carbon		+	Lagoon - 4S, 2L	12	Oct.20	To Lesser Slave Lake
Guy	H	62	Surface	Surface runoff	I. Gal. W.P.		+	Private			
Gwynne	H	97	Private					Lagoon - 2L	+12		
Hairy Hill	V	72	Private					Lagoon - 1L	12		Ditch to Watt Lake
Halkirk	V	160	Ground		Nil			Lagoon - 2S, 1L P 1L (more)	12		Ditch to Creek
Hanna	T	3,036	Surface (2 sources)	Fox Lake Reservoir Red Deer River	Comp.	+	+	Lagoon - 4S, 2L	12	April 18	Bullpound Creek
Hardieville			annexed by Lethbridge					Lagoon - 2S, 1L		Sept. 17	Oldman River
Hardisty	T	600	Ground		Nil			Lagoon - 4S, 2L	+12		No discharge
Harmon Valley	H	0	Surface	Surface runoff	I. Gal., W.P.		+	Private			
Hawk Hills	H	10	Surface	Surface runoff	I. Gal. W.P.		+	Private			

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Hay Lakes	V	318	Surface	Drainage Ditch	P. Filt., Coag.		+	Lagoon - 4S, 2L	+12	Nov. 4	Hay Lakes drainage ditch
Hays	H	100	Surface	Travers Dam/ Bow River	P. Filt	+	+	Lagoon - 1L	+12		
Heisler	V	212	Ground		Nil			Lagoon - 2L	+12		
High Level	NT	2,852	Surface	Footner Creek	Comp.	+	+	Lagoon - 4S, 2L	6	May 6, Sept. 30	Bushe River
High Prairie	T	2,580	Surface	West Prairie River	Comp. Aeration		+	Lagoon - 4S, 2L	+7	May 1, Oct.	West Prairie River
High River	T	5,114	Ground		P. Filt.		+	1A		Continuous	Highwood River
Hilda	H	75	Ground		Nil		+	Lagoon - 1S, 1L		Evaporation	Outfall possibly to slough
Hillspring	V	220	Ground	Irrigation Canal			+	Lagoon	+12		
Hines Creek	V	529	Surface	Jackfish Creek	Comp.		+	Lagoon - 4S, 2L	+12	May 7	Piped to Jack Creek
Hinton	T	8,904	Surface	Athabasca River	Comp. (St. Regis Pulp Mill)	+	+	Town to Pulp & Paper Plant - Mech. Aeration Ditch		Continuous	Athabasca River
Holden	V	430	Surface	Creek Stream storage	Comp.		+	Lagoon - 4S, 2L	11		Wide flat area to field to Spring Creek to Vermilion River
Hotchkiss	H	10	Surface	Surface Runoff	W.P.		+	Private			
Hughenden	V	263	Ground		Nil			Lagoon - 2L	+7	Oct. 21	Hughenden Lake
Hussar	V	173	Ground		Nil		+	Lagoon - 2S, 2L	+12		Deadhorse Lake
Huxley	H	72	Ground		Nil		+	Lagoon - 1L	9		1 km to Ghostpine Lake
Hythe	V	681	Private + 3 village wells					Lagoon - 2S, 3L	+7	May 6, Oct. 7	Beaverlodge River
Innisfail	T	5,435	Ground + Surface		Mountainview Comp. Water Line blending		+	R.B.C. Lagoon - 4L	7	May 13 Sept. 16	Creek 9 km to Red Deer River
Innisfree	V	255	Ground		Nil			Lagoon - 3L	+12		Pipe to Anita Lake

MUNICIPALITY	Corp. Status	Pop	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Irma	V	475	Ground		Nil			Lagoon - 4S, 2L	12	Nov. 12	Gratton Creek to Battle River
Iron Springs	H	65	Surface	Irrigation	P. Filt.		+	Private			
Irricana	V	726	Ground		Nil		+	Lagoon - 2S, 1L	12		Crossfield Creek
Irvine	T	360	Ground		Iron Removal		+	Lagoon - 2S, 1L	+12		Cross country, might reach South Saskatchewan River
Islay	H	179	Ground		Iron Removal		+	Lagoon - 2L	12	Oct. 15	Creek to Vermilion River
Janvier	H		Surface	Christina River	complete, W.P.		+	Private			
Jarvie	H	74	Ground		Iron removal		+	Lagoon - 1L	+12		Pembina River
Jean Cote	H	68	Surface	Runoff	W.P., I Gal		+	Private			
Jenner	LO	14	Ground		Nil			Lagoon - 1L	7		
Josephburg	H	152	Ground		Nil		+	Lagoon - 2S, 1L	7	April 1, Oct. 21	Low area in field, infiltration
Joussard	H	330	Surface	Lesser Slave Lake	G. Filt		+	Lagoon - 4S, 2L	12		Unnamed Creek to Lesser Slave Lake
Keg River	H	18	Surface	Dugout	W.P.		+	Private			
Kikino	H	133	Surface	Lone Pine Lake	W.P., Comp. + carbon		+	Private P(lagoon)			
Killam	T	1,001	Ground		Iron Removal	+	+	Lagoon - 4S, 2L	+12		Iron Creek to Battle River
Kingman	H	72	Private					Lagoon - 2L	+12		Creek to Amisk Creek
Kinsella	H	65	Ground		Nil			Lagoon - 2L	+12		Undefined
Kinuso	V	285	Surface	Swan River	Comp. P(upgrading)		+	Lagoon - 1L		Seeps	Creek to Slave Lake
Kitscoty	V	613	Ground		Iron Rem.		+	Lagoon - 4S, 4L	+12	April 29	A lake beside
Lac La Biche	T	2,242	Surface	Lac La Biche	P. Filt., M. Strain	+	+	Lagoon - 3A		Continuous	To Field Lake
Lacombe	T	5,954	Ground		Nil		+	Lagoon - 4S, 3L	7	Oct. 21	Wolf Creek

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
La Crete	H	450	Ground		Iron Removal, Softening		+	Lagoon - 4S, 2L	+12		
La Glace	H	165	Private - 3 County wells					Lagoon - 3L	+12		Bear Creek
Langdon	H	199	Private					Lagoon - 4S, 2L	+12		W.I.D. Drain
Lamont	T	1,673	Vegreville Regional Water Corridor			+	+	Lagoon - 4S, 2L	+7	May 6, Oct. 7	Beaverhill Creek
Lavoy	V	134	Ground		Iron Removal Softening		+	Lagoon - 1L	12		
Leduc	C	12,926	Leduc - Strathcona Water Board			+	+	Extended Aeration Lagoon - 2L [SERTS(May - Dec)]		Continuous	Lake Telford
Legal	V	1,042	Surface	Manawan Canal	Comp.		+	Lagoon - 4S, 2L	7	Nov. 4	Unnamed Creek to Redwater River
Leslieville	H	148	Private					Lagoon - 1L	12		Lobstick Creek
Lethbridge	C	59,901	Surface	Oldman River	Comp.	+	+	Secondary A Sludge		Continuous	Old Man River
Linden	V	461	Ground		Nil		+	Lagoon - 2S, 2L	12		Lonepine Creek
Little Buffalo	H	253	Surface	Little Buffalo Lake	P. Filt. & Carbon, W.P.		+	Private			
Little Smoky	H	39	Private		P(surface)			Lagoon - 1L	12		Iosegun River
Lodgepole	H	161	Private					Lagoon - 2L	7		No discharge
Lomond and Lomond Well	V	204	Surface Ground	Bow River Community Well	P. Filt. Nil		+	Lagoon - 1S, 1L	+12		Landlocked slough
Longview	V	292	Ground	Infiltration wells off Highwood River			+	Extended Aeration (Aero-Mod)		Continuous	Spillway down Highwood River Bank
Loon Lake	H	208	Surface	Loon River	Comp. Ozone		+	Private			
Lougheed	V	261	Ground		Iron Removal			Lagoon - 2S, 2L	12	Oct. 15	Iron Creek to Battle River

MUNICIPALITY	Comp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Lousana	H	53	Ground		Nil			Lagoon - 2L	12		Mikwan Lake
Lundbreck	H	244	Recharge Well		Nil		+	Lagoon - 1S, 1L	7	Nov. 4	Crowsnest River
Magrath	T	1,576	Surface	Jensen Reservoir	P. Filt.		+	Lagoon - 2S, 2L	6	Oct. 21	Culvert Pipeline in ditch down bank to Pothole Creek
Mallaig	H	189	Surface	Denning Lake	Nil		+	Lagoon - 1S, 2L	+12		Slough
Manning	T	1,262	Surface	Notikiwin River	Comp.	+	+	Lagoon - 2A		Continuous	Notikiwin River
Mannville	V	799	Ground		Nil			Lagoon - 4S, 3L	12	May 27	Vermilion River
Manola	H	60	Ground		Nil		+	Lagoon - 1L		seeps	Creek to Pembina River
Manyberries	H	62	Ground		Aeration		+	Lagoon - 1L	+12		Unknown receiving stream
Marie-Reine	H	51	Surface	Surface runoff	I. Gal., W.P.		+	Private			
Marwayne	V	500	Ground		Iron Removal		+	Lagoon - 4S, 2L	12	Oct. 28	Unnamed Creek to Vermilion River
Mayerthorpe	T	1,475	Ground		Iron Removal		+	Lagoon 4S, 3L	12		Small Creek into north branch of Paddle River
McLennan	T	1,176	Surface	Winagami Lake, canal	Comp.	+	+	Lagoon - 4S, 2L	+7	Oct. 15	Drainage Ditch to Kimiwan Lake
McInnis Well			Ground (2 wells)		Nil W.P.			Private			
McLaughlin	H	31	Ground		Nil			Private			
Medicine Hat	C	41,717	Surface	South Sask. River	Comp.		+	Primary, 4A, 1L		Continuous	South Saskatchewan River and irrigation
Metiskow	H	85	Ground		Ir. Rem.		+	Lagoon - 2L	+12		
Michichi	H		Private					Lagoon - 2L	+12		Michichi Creek
Milk River	T	894	Surface	Milk River	I. Gal., S. Sand.	+	+	Lagoon - 3S, 2L	12		To Milk River
Millet	T	1,428	Ground		Nil			Lagoon - 4S, 4L	12	March 18	Pipestone Creek

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Milo	V	117	Surface	McGregor Lake	P. Filt.		+	Lagoon - 2L, 2S	3	October 2	Unknown
Minburn	V	143	Private					Lagoon - 1L	+12		No Discharge
Mirror	V	552	Surface	Parlby Creek	Comp.		+	Lagoon - 2S, 2L	12		Parlby Creek
Monarch	H	212	Surface	Oldman River	I. Gal.		+	Private			
Morinville	T	5,273		Edmonton	Edmonton Regional	+	+	Lagoon - 4S, 3L	9	June 17	Manawan Drainage Canal
Morrin	V	267	Ground		Nil			Lagoon - 2S, 2L	12		West Michichi Creek
Mossleigh	H	54	Ground		Nil			Private			
Mountainview Regional (Anthony Henday)			Surface	Red Deer River	Comp., Softening		+				
Mundare	T	655	Vegreville Regional Water Corridor			+	+	Lagoon - 4S, 3L	7	Apr 23, Oct 21	Unnamed Creek
Munson	V	148	Private					Lagoon - 1L		No Discharge	
Myrnam	V	423	Ground		Iron Removal, Softening			Lagoon - 4S, 2L	+7		No Discharge
Nacmine	H	369	Drumheller			+	+	Drumheller			
Nampa & Nampa Community Supply	V	435	Surface + Surface (Rural)	Heart River Dugout	Comp. I.Gal W.P.		+ +	Lagoon - 4S, 2L	+12		North Hart River
Nanton	T	1,671	Surface & Ground	Mosquito Creek	Nil P(filter & Cl_2)		+	R.B.C.		Continuous	Mosquito Creek
Neerlandia	H	67	Private					Lagoon - 1L	12	Oct. 15	Tributary of Shoal Creek to Pembina River
New Dayton	H	51	Surface	Ridge Reservoir	P. Filt.		+	Private			
New Fish Creek	H		Ground		W.P.		+	Private			
New Norway	V	309	Ground		Iron & H_2S Removal		+	Lagoon - 2S, 2L	12		To Battle River

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS					WASTEWATER			
			System	Source	Treatment	F	Cl_2	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
New Sarepta	V	461	Ground		Iron Rem.		+	Lagoon - 4S, 2L	12	Nov. 6	Creek to Saunders Lake
Newbrook	H	127	Ground		Nil		+	Lagoon - 1L	12		To slough
Nisku	H	77	Leduc - Strathcona Water Board			+	+	SERTS			
Niton Junction	H	72	Private					Lagoon - 1L	7	April 30	Lobstick River
Nobleford	V	547	Surface	Oldman River via L.N.I.D.	P. Filt.		+	Lagoon - 2S, 3L	12		Irrigation Ditch
Nordegg	H	63	Surface	Creek	R. Sand		+	Lagoon - 1A, 1L		Continuous	Shunda Creek
North Star	H	86	Surface	Surface runoff	I. Gal., W.P.		+	Private			
Ohaton	H	111	Private					Lagoon - 2S, 2L	+12		Creek to Battle River
Okotoks	T	4,981	Ground		Nil	+	+	R.B.C., Cl_2		Continuous	Sheep River or Irrigation
Olds	T	4,932	Mountainview Water Line				+	R.B.C. Lagoon - 3L	12	June 11, Nov. 11	Olds Creek to Little Red Deer River
Onoway	V	669	Ground		Iron removal		+	Lagoon - 4S, 2L	+12	Seeps	Sturgeon River
Orion	H	12	Ground					Private			
Oyen	T	1,007	Ground		Nil		+	Lagoon - 3L (sloughs)		Continuous	Alkaline Slough
Paddle Prairie	H	164	Surface	Boyer River	Comp.		+	Lagoon - 2S 2L	+12		Ditch to Creek to Peace River
Paradise Valley	V	190	Ground		Nil		+	Lagoon - 2S	1/2	Continuous	Briker Lake
Patricia	H	89	Surface	Irrigation Supply	P. Filt.		+	Lagoon - 1L	12		Creek
Peace River	T	6,043	Surface	Peace River	Comp.	+	+	Lagoon - 4S		Continuous	Peace River
Peavine	H		Surface	South Heart River			+	Private			
Peerless Lake	H	202	Surface	Peerless Lake	Complete		+	Private			

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl²	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Peers	H	111	Private					Lagoon - 1L	12	May 13	Via aquaduct to creek to Macleod River
Penhold	T	1,588	Ground		Nil		+	To Red Deer			
Peoria	H	23	Surface	Surface runoff	P. Filt.		+	Lagoon - 1L			
Pibroch	H	61	Ground		Iron Removal		+	Lagoon - 1L			
Picardville	H	190	Ground P(surface)		Nil, P(complete)		P(+)	Lagoon - 1L	8	Mar. 25	Ditch, East lagoon to pasture
Picture Butte	T	1,562	Surface	Kehoe Lake	P. Filt.	+	+	Lagoon - 3A, 1S		Continuous	Oldman River
Pincher Creek	T	3,712	Surface	Pincher Creek/ Castle River	R. Sand.	+	+	Primary + 2S, 2L	1	Oct. 10	Pincher Creek
Plamondon	V	271	Surface	Gardner Lake	P. Filt. P(comp.)		+	Lagoon - 4S, 3L	12	Oct. 17	Plamondon Creek
Ponoka	T	5,221	Ground		Iron Removal Softening	+	+	Lagoon - 4S, 4L	+12	Apr. 15	Battle River
Provost	T	1,779	Ground		Iron Removal	+	+	Lagoon - 4S, 3L	+7		Fleeing Horse Lake
Puskawaskau			Ground		W.P.		+	Private			
Radway	V	194	Surface	Namepi Creek	Comp.		+	Lagoon - 1L	6	Apr. 18, Oct. 1	Namepi Creek
Rainbow Lake	T	1,004	Surface	Runoff	Comp. Aeration		+	Lagoon - 4S, 1L	7	March 18, Oct. 22	Slough to Hay River
Rainier	H	50	Surface	Irr. ditch, B.R.I.D	Nil		+	Private			
Ralston	H	357	Surface	South Sask. River	Comp.	+	+	Lagoon - 2L			
Raymond	T	3,145	Surface	Ridge Reservoir	P.Filt		+	Lagoon - 4S, 2L	7	May 3, Oct. 15	To irrigation canal
Red Deer	C	52,620	Surface	Red Deer River	Comp., Softening	+	+	Secondary, A, Sludge 3S, 4A		Continuous	Red Deer River
Redcliff	T	3,814	Surface	South Sask. River	P. Filt.		+	Medicine Hat			

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Redwater	T	2,197	Edmonton			+	+	Lagoon - 4S, 3L	7	Apr. 29, Nov. 4	Redwater River to North Saskatchewan River
Reinwood	H		Surface	Surface Runoff	W.P.		+	Private			
Reno	H	20	Surface	Surface Runoff	I. Gal., W.P.		+	Private			
Ridge Valley	H	52	Well		Nil		+	Lagoon - 1S, 2L	7	March 20	Wapiti Creek to Simonette River
Rimbey	T	1,906	Ground		Nil			N. Lagoon-4S, 3L S. Lagoon-4S, 3L	+12 +12	April 8, Oct. 29	Blindman River to Red Deer River
Riviere Qui Barre	H	64	Private					Lagoon - 1L	+12		Creek to Sturgeon River
Robb	H	230	Ground		W.P.			Lagoon - 2S, 2L	7	April 30	Embarras River
Rochester	H	87	Private		P.(Ground)			Lagoon - 2S, 1L			Exfiltration in long detention cells
Rocky Mountain House	T	5,126	Surface	North Sask. River	Comp.		+	Lagoon - 4S, 2L	9		North Saskatchewan River
Rocky Rapids	H	84	Private					Lagoon - 1L	12	Oct. 29	Creek to North Saskatchewan River
Rockyford	V	292	Surface	Irrigation Ditch	R. Sand		+	Lagoon - 4S, 2L	12		Serviceberry Creek
Rolling Hills	H	175	Surface	Irrigation Ditch	Filtration		+	Septic tanks & fields			
Rosalind	V	197	Ground		Iron Removal			Lagoon - 2L	+12		No Discharge
Rosedale	H	167		From Drumheller		+	+ +	Extended Aeration, Cl_2		Continuous	Red Deer River
Rosemary	V	328	Surface	Irrigation Ditch	Nil		+	Lagoon - 1S, 1L	6	Sept. 25	
Round Hill	H	121	Private					Lagoon - 2L			5-8 years to fill
Royce	H	0	Surface	Surface runoff dugout	P.Filt		+	Private			
Rumsey	V	93	Private					Lagoon - 1L	+12		

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Rycroft	V	734	Surface	Spirit River	Comp.		+	Lagoon - 2S, 2L	+6		Spirit River
Ryley	V	544	Surface	Waskwei Creek	Comp.		+	Lagoon - 4S, 2L	12		No discharge to date
Sangudo	V	405	Ground		SiO_2 Iron Control		+	Lagoon - 4S, 3L	7	Sept. 16	Pembina River
Scandia	H	100	Surface	Irrigation	Nil P(P.Filt)		+	Lagoon - 1L	+12		Irrigation/Evaporation
Schuler	H	105	Ground		Nil			Lagoon - 1S, 1L		Evaporation	
Seba Beach	SV	124	Private					Lagoon - 1S, 1L		Evaporation	
Sedgewick	T	923	Ground		Iron Removal		+	Lagoon - 4S, 2L	+12		No Discharge
Seebe	H	104	Surface	2 Infiltration wells from Bow River	I. Gal		+	Lagoon - 2L	+12		Bow River
Seven Persons	H	146	Surface	St. Mary Irr. Ditch	P. Filt.		+	Ind. Septic tanks			
Sexsmith	T	1,192	Ground		Nil	+		Lagoon - 4S, 2L P(new)	+7	March 21, Oct. 7	Unnamed Creek
Shaughnessy	H	270	Surface	Irrigation Canal L.N.I.D.	Nil		+	Lagoon - 2S, 2L	+7	Sept. 30	Oldman River
Sherwood Park	H	29,764	Edmonton			+	+	CRSTP			
Silver Sands	SV	72	Private			+	+	Lagoon - 1S			
Skiff	H	20	Ground		Nil, W.P.			Private			
Slave Lake	T	4,838	Surface	Lesser Slave Lake	Comp. P(carbon)	+	+	Lagoon - 1S, 2A, 1L, P (new)	3	Continuous	Sawridge Creek to Lesser Slave River
Smith	H	216	Surface	Athabasca River	Filtration		+	Lagoon - 2S, 2L	7		Athabasca River
Smoky Lake	T	1,165	Ground		I. Gal. P(SiO_2)	+	+	Lagoon - 4S, 2L P(new)	7		White Earth Creek to North Saskatchewan River & Infiltration
Spirit River	T	1,104	Surface	Runoff	Comp. P(new)	+	+	Lagoon - 4S, 2L	7	April 15, Oct. 2	Spirit River
Spruce Grove	T	11,569	Parkland Water Board			+	+	Lagoon - 4S, 5L P(Regional)	6	May 2, Oct. 15	Cell 2 & 5 to Atim Creek to Big Lake

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
St. Albert	C	35,897	Edmonton			+	+	Edm. Regional			
St. Isidore	H	55	Surface	Surface runoff	I. Gal., P (P. Filt.)		+	Lagoon - 1S, 1L			
St. Michael	H	64	Ground		Nil			Private			
St. Paul	T	5,052	Surface	Lac St. Cyr from North Sask. River	Filt.	+	+	Contact Stabilization		Continuous	Upper Therien Lake
Standard	V	379	Surface + Ground	Three Springs Irrigation Ditch	R. Sand Filt.		+	Lagoon - 4S, 2L	12	Oct. 30	Creek (24 km) to Crowfoot Creek
Stavely	T	548	Ground		Cl_2 available			Lagoon - 2L	6	August 14	Natural Swale - 2 Miles to Clear Brook
Stettler	T	5,136	Surface	Red Deer River	Comp.	P	+	Lagoon - 4S, 4L	12	Apr. 5, Sept. 30	Red Willow Creek
Stirling	V	790	Surface	Ridge Reservoir	G. Filt., R. Sand		+	Lagoon - 2S, 1L	6	Sept. 30	Irrigation Canal
Stony Plain	T	5,291	Parkland	Water Board		+	+	Lagoon - 4S, 4L P(Regional)	12	Apr. 18, Oct. 4	Atim Creek
Strathmore	T	3,530	Surface	Western Irr. Dist.	Comp., Softening		+	Lagoon - 5S, 5L	9		Creek (3 km) to Eagle Lake
Strome	V	281	Ground		SiO_2 (new)		+	Lagoon - 2S, 2L	12		Ditch to Wavy Lake
Strong Creek			Ground		Nil W.P.			Private			
Suffield	H	146	Ralston + Ground			+	+	Lagoon-1L			Evaporation
Sundre	T	1,750	Ground		Nil			Lagoon - 3A		Continuous	Red Deer River
Sunnybrook	H	61	Private					Lagoon - 1L	12	New Lagoon	Sunnybrook Creek
Sunsent Point	SV	99	Private					Alberta Beach Lagoon			
Swalwell	H	52	Private					Lagoon - 1L	12		Creek (3 km) to Kneehill Creek
Swan Hills	T	2,497	Surface	Freeman Lake	Comp. + carbon	+	+	Lagoon - 4S, 4L	7	Apr. 11, Oct. 7	Horse Creek to Athabasca River

MUNICIPALITY	Comp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Sweathouse		0	Ground	Pressure system	Nil			Private			
Sylvan Lake	T	3,779	Ground		Nil		+	Lagoon - 4S, 3L	9	Oct. 21	Sylvan Creek (3km) to Cygnet Lake
Taber	T	6,384	Surface	S.M.R.I.D., Irrigation	R. Sand	+	+	RBC/Lagoon	5		Oldman River
Tangent	H	60	Surface	Surface Runoff	P. Filt., Iron Removal		+	Lagoon - 1L	12		
Therien	H	38	Private					Lagoon - 1L	+12		No Discharge
Thorhild	V	566	Surface	Kennedy Creek	Comp., Carbon		+	Lagoon - 2S, 1L		Apr. 12	Kennedy Creek to Wapiti Creek
Thorsby	V	737	Surface	Weed Creek	Comp.	+	+	Lagoon - 4S, 2L	7	Sept. 23	Weed Creek
Three Creeks		0	Surface	Surface runoff	W.P.		+	Private			
Three Hills	T	3,539	Surface	Red Deer River	Comp.		+	Lagoon - 4S, 2L	+7		Three Hills Creek, Irrigation
Tilley	V	358	Surface	E.I.D. (summer/fall)	Nil		+	Lagoon - 4S, 2L	7	Oct. 8	Irrigation Canal
Tofield	T	1,560	Surface	Katchemut Creek	Comp.		+	Lagoon - 2S, 4L	12		Katchemut Creek
Tomahawk	H	95	Private					Lagoon - 1L	+12	Oct. 29	Drainage Ditch along road
Torrington	V	230	Ground		Nil		+	Lagoon - 2S, 2L	12		Kneehills Creek
Trochu	T	880	Ground		Nil		+	Lagoon - 4S, 3L	+12		Creek (6 km) to Ghostpine Creek
Trout Lake	H	202	Surface	Trout Lake	Comp.		+	Private			
Turin			Surface	L.N.I.D.	Nil		+	Private			
Turner Valley	T	1,298	Ground		Nil		+	Extended Aeration Cl_2		Continuous	Sheep River
Two Hills	T	1,330	Ground		Nil		+	Lagoon - 4S, 2L	+12	Sept. 3	Vermilion River

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Valleyview	T	2,232	Surface	Sturgeon Creek	Comp. + micro filt.	+	+	Lagoon - 4S, 2L	6	Oct. 7	Valleyview Creek to Sturgeon Creek to Little Smoky River
Val Quentin	SV	107	Private					Alberta Beach Lagoon			
Vauxhall	T	1,076	Surface	B.R.I.D. Irrigation Canal	R. Sand	+	+	Lagoon - 4S, 2L	11	Oct. 14	Irrigation drain - Oldman River
Vegreville	T	5,251	Vegreville Water Corridor			+	+	Lagoon - 4S, 2L	12		Vermilion River
Veinerville	H	80	Med. Hat				+	Medicine Hat			
Vermilion	T	3,818	Ground		Iron Removal	+	+	Extended Aeration with lagoon		Continuous	Vermilion River
Veteran	V	318	Ground		Iron Removal		+	Lagoon - 1L	7		Adjacent slough
Viking	T	1,238	Surface	Runoff water	Comp.	+	+	Lagoon - 4S, 2L	6	Apr. 22, Oct. 28	Drainage ditch to Thomas Lake
Villeneuve + Airport	H	112	Private					Lagoon - 2S, 2L	+24		Ditch to Big Lake
Vilna	V	353	Surface	Bonnie Lake	Filtration		+	Lagoon - 2S, 2L	7	Nov. 6	
Vimy	H	129	Ground		Iron Removal P (Aeration)		+	Lagoon - 2S, 3L	+12		Ditch to Redwater River
Violet Grove	H	87	Private					Lagoon - 1S, 1L	+12		
Vulcan	T	1,507	Surface	Little Bow River	Comp.		+	Lagoon - 4S, 3L	+12		To irrigation
Wabamun	V	705	Surface	Wabamun Lake	P. Filt.		+	Lagoon - 4S, 3L	+7	May 2, Oct. 29	Unnamed Creek north to slough
Wabasca	H	620	Surface	N. Wabasca Lake	Comp.		+	2A			North Wabasca Lake
Wagner	H	61	From Canyon Creek		W.P.			Private			
Wainwright	T	4,597	Ground	CFB Wainwright				Lagoon - 2A		Continuous	Bushy Head Lake

MUNICIPALITY	Comp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl_2	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Walsh	H	70	Surface	Artesian Spring	P. Filt.		+	Private			
Wandering River	H	27	Surface	Wandering River	Iron Filt + Carbon		+	Lagoon - 2S, 2L			Wandering River
Wanham	V	266	Surface	Burnt River	Comp.		+	Lagoon - 1L	6	June 26	Tributary to Burnt River
Warburg	V	552	Ground		Nil		+	Lagoon - 4S, 3L	+12	Apr. 1	Strawberry Creek to North Saskatchewan River
Warner	V	486	Surface	Irrigation	Comp.		+	Lagoon - 2S, 2L	+12	Apr. 15	Irrigation Canal
Warrensville	H	0	Ground		W.P.			Private			
Warspite	V	96	Ground		Nil			Lagoon - 2L	+12		
Waskatenau	V	286	Surface	Waskatenau Creek	Comp.		+	Lagoon - 2S, 2L	12	Oct. 7	Waskatenau Creek
Watino		66	Ground + Private		Nil W.P. P(new)			Lagoon - 1L			Smoky River
Weberville	H	0	Ground (2 wells)		Nil 2 W.P.			Private			
Welling	H	86	Surface	Irrigation Supply	P. Filt.		+	Private			
Wembley	T	1,209	Ground		Nil			Lagoon - 4S, 2L	+12	May 13	Slough to creek to Wapiti River
West Cove	SV	46	Private					Lagoon - 1S, 1L	3	P(irrigation)	Farmer's field
Westlock	T	4,432	Surface	Pembina River	Filt., P(comp.)	+	+	Lagoon - 4S, 2L P (Act, Sludge)	+7	April 18, Oct. 21	Wabash Creek to Pembina River
Westvale	H		Ground		Nil. W.P.			Private			
Wetaskiwin	C	10,022	Ground + Surface	Coal Lake	Comp.	+	+	Lagoon - 2S,3A,3L	+12	Apr 1 Oct. 14	Drainage ditch to Pipestone Creek
Whitecourt	T	5,408	Surface	Macleod River	Comp.	+	+	Extended Aeration		Continuous	Athabasca River
Whitelaw	H	164	Ground		Nil		+	Lagoon 1S, 1L	+24		

MUNICIPALITY	Corp. Status	Pop.	WATERWORKS System	Source	Treatment	F	Cl	WASTEWATER Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Whitelaw Spring		0	Ground		Nil			Private			
Whitemud			Surface	Surface runoff, Dugout	W.P. I.Gal		+	Private			
Widewater	H	130	Canyon Creek		W.P.			Private			
Wildwood	V	450	Ground		SiO_2		+	Lagoon - 2S, 3L	+12	Apr. 29	Lobstick River
Willingdon	V	404	Ground		Iron Removal		+	Lagoon - 2S, 2L	+12	Oct. 21	Large slough
Wimborne	H	68	Ground		Nil		+	Lagoon - 1L	12		Creek (3 km) to Kneehills Creek
Winfield	H	183	Ground		Nil		+	Lagoon - 2L	12	Sept. 30	Modeste Creek
Woking	H	106	Surface	Runoff in spring	Comp.		+	Lagoon - 1L	12		
Worsley	H	89	Surface	Eureka River	Comp.		+	Lagoon - 2S, 2L	12	May 7	
Wrentham	H	60	Surface	Chin Lake (irrigation)	P. Filt.		+	Private & Lagoon			
Youngstown	V	297	Ground		Nil		+	Lagoon - 1L	6 1/2		
Zama City	H	129	Trucked from 3 wells					Lagoon - 2L	4		

APPENDIX B

MOBILE HOME PARKS

MOBILE HOME PARKS		WATERWORKS					WASTEWATER			
Corp. Status	Pop	System	Source	Treatment	F	Cl	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Athabasca (Westwind Park)	100	Dugout	Creek	P. Filter		+	Lagoon - 1L	+12		Muskeg Creek
Benalto (Kountry Meadows) (Knowles)		Surface		Nil			Lagoon - 1L Lagoon - 1L	6		Medicine River
Brooks (Ross Spence) SW 30-54-27-4							Lagoon			
Canmore (Restwell)		Ground		Nil			Septic tanks to Canmore Municipal			
Dickson (Spruce View)							Lagoon			
Drayton Valley (Popular Ridge)		Ground					Lagoon - 2L(P)	6		North pasture to Creek
(Country Style)		Ground					Lagoon - 1L(P)	6		Irrigation
							(Drayton Valley	Later 1985)		
Edson (Poplar Place)		Ground		Nil			Edson system			
Evergreen M.H.P.	1500	Edmonton				+	Edmonton			
Evergreen Park		Ground		Nil			Lagoon - 1L			Evaporation
Fern Valley (County of Lac Ste Anne)	35	Ground		Nil			Lagoon 1L	7		
Pine Shadow Estates (I.D. #14)		Ground	Nil				Lagoon - 1L	7		To bush then MacLeod River
Grande Prairie										
(Swan City)	400	Ground (3 wells)		Nil						
(T&E Trailer Park)	150	Ground		Nil		+	Lagoon - 1L	36		
(Triple L. T.P.)	300	Ground		Nil		+	Lagoon - 1L	12		Siphoned over berm
(Eldoes)		Ground				+	Lagoon - 1L	7	Oct. 28	Ditch to 5 Mile Creek
						+	Lagoon - 1L			P(overland pipe to creek)
Joffre (Cameron)		Ground	Nil				Lagoon	12		

MOBILE HOME PARKS

		WATERWORKS					WASTEWATER			
Corp. Status	Pop	System	Source	Treatment	F	Cl	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Lac La Biche (Pine Lane)	200	Ground		Nil P(Iron Removal)			Lagoon - IL	+7		Creek to Lac La Biche
Lacombe (Glendale)		Town of Lacombe					Lagoon in Town			
Lethbridge (Westwind)										
Raymond										
Red Deer (Les's)		Ground		Nil			Lagoon - IL	7		Irrigation
Rocky Mountain House (Martin)										
Saddle Lake										
Spruce Grove (Parkland)		Ground		Iron Rem.			Extended Aeration IA P(Edm. Regional)		June 3	Atim Creek
Medicine Hat (Suncrest)		Surface		Slow Sand Filter		+	R.B.C. Lagoons			Irrigation
Whitecourt (Evergreen M.H.P.) (Westview Village)		Ground Ground		Nil Nil			Whitecourt system Tile bed			

APPENDIX C

SCHOOLS

SCHOOLS		WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl_2	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Ardrossan							Lagoon - 1L			
Anzac		Ground		Ir. Rem. + Soft			Lagoon - 1L	12		ditch to swamp
Atikameg (Whitefish Lake)	175	Ground		Iron Removal + softening	+		Lagoon - 2S, 1L	12	Sept. 30	To Utikamasis Lake, N.E. side
Bear Canyon		Surface	Runoff	S. Filt., softening		+	Lagoon - 1L			
Blueberry Creek		Dugout		Filt.	+		Lagoon - 1L			
Bluemnort			Hauled from Fort Vermilion				Lagoon - 1L			
Bonanza		Dugout		Filt.		+	Lagoon - 1L			Gravity to septic tank then pumped to 1L
Buffalo Head Prairie		Trucked from Lacrete		Nil			Lagoon - Evap.			
Cadotte Lake	82	Ground		Nil			Lagoon - 1L	12	seeps	No discharge yet, to Creek to Cadotte Lake
David Thompson		Ground		Nil			Lagoon - 1L	12		Irrigation
Deadwood		Dugout		Filter Well		+	Lagoon - 1L	12		
Elmworth		Ground				+	Lagoon - 1L		Evaporation	Septic tank to single cell lagoon
Elizabeth Metis	160	Ground		Nil			Lagoon - 1L	12		
Fort Chipewyan Bishop Peche		Surface		Fort Chipewyan supply		+	Lagoon, R.B.C.	2		Swamp to Lake Athabasca
Fort MacKay		Surface		Fort McMurray (trucked)		+	Lagoon - 1L	12		No discharge - seeps & evaporates
Frog Lake		Surface		P. Filt.		+	Lagoon	12		
Fultonvale							Lagoon - 2L		Oct. 21	
Guy				Hauled from Guy Community Well			Lagoon - 1L			

SCHOOLS		WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl²	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Haythorne School							Lagoon - 2L		May 22	
J.F. Dion	200	Ground		Nil			Lagoon - 2L	12		
Jean Cote'		Surface								
Keg River		Ground		Iron Removal		+	Field System			
Little Buffalo Lake		Surface	Little Bullalo WTP			+	Lagoon - 1L	36		Creek to Little Buffalo Lake
Loon Lake	100	Loon Lake System				+	Lagoon - 1L	12	May 27, Sept. 30	Ditch to Loon River
Meadowview (Cty. Barrhead)		Ground		Nil			Lagoon - 1L	12		Ditch to Pembina River
Meander River							Lagoon - 1S, 1L			
Menno-Simmons J.H. (Cleardale)		Dugout		P.Filt. & Carbon		+	Lagoon - 1L	12		
Northern Lights Mennonite School		Dugout		Inline carbon filt.			Septic Tank		Continuous	
Peavine		Surface	Heart River	Filt. & carbon		+	Lagoon - 1L		Sept. 30, May 24	
Peerless Lake		Ground		Softening		+	Lagoon	+12		
Savanna	200	4 Dugouts		Culligan and mixed media pressure filter	+		Lagoon - 1L	12		Ditch to Lake
Seven Day Adv.							Lagoon			
Smithreade							Lagoon - 1L	12		
Sturgeon School Division #24	510	Ground					Lagoon - 1L	+12		Ditch to Carrot Creek then Big Lake
Teepee Creek	18	Ground		Nil			Lagoon - 1S, 1L			To tile bed (new)
Trout Lake	100	Surface	Trout Lake WTP			+	Lagoon - 1L	+12	Sept. 30	Ditch to River Leaving Graham Lake
Uncas School							Lagoon - 1L	12	April 17	

APPENDIX D

HUTTERITE COLONIES

HUTTERITE COLONIES		WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl?	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Athabasca		Ground		Nil			Lagoon - 1L			Creek to Athabasca River
Cardston (Big Bend)							Lagoon			Irrigation
Cardston (West Raley)		Surface	St. Mary's Reservoir	P.Filt.			Lagoon			Irrigation
Cayley SE 9-17-29-W4										
Champion NE# 13-15-26-W4										
Clearview										
Cluny SE 7-22-40 W4							Lagoon			Irrigation
Erskine							Lagoon			
Etzikom (Sunrise)							Lagoon			
Fort Macleod (Ewelme)							Lagoon			
Gem (Springview)							Lagoon			Irrigation
Grandview							Lagoon - 2L			Bear Lake
Grassy Lake (Ponderosa)							Lagoon			Irrigation
High River SE 33-17-24-W4							Lagoon			Irrigation
Hilda (Roseglen)		Ground					Lagoon			Irrigation
King's Lake (Foremost)							Lagoon			Irrigation

HUTTERITE COLONIES		WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl_2	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Magrath SE 4-5-21-W4							Lagoon			
Medicine Hat (Winnifred)							Lagoon			Irrigation
Milo (New Dale)							Lagoon			Irrigation
Morinville (M.D. Sturgeon)		Ground		Nil			Lagoon - 1L	12		Irrigation
New Dayton										
(Midland)							Lagoon			Irrigation
(Miami)							Lagoon			Irrigation
(New Rockport)							Lagoon			Irrigation
Pibroch		Ground		Nil			Lagoon - 1L	12		Creek to Pembina River
Plainview							Lagoon			Irrigation
Raymond (Milford							Lagoon			Irrigation
Riverside (Fort Macleod)							Lagoon			
Sandhills (Beiseker)							Lagoon			
Valleyview		Ground					Private			
Walsh (Elkwater)							Lagoon			Irrigation
Warburg							Lagoon			

APPENDIX E

SUBDIVISIONS

SUBDIVISIONS		WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Fun Mountain 25-23-4-W5										
Harvey Hills 6-26-2-W5		Ground								
Hilltop Estates	23/lots	Ground		SiO_2 Iron Control		+	Private			
Sterling 6-27-1-W5	7/lots	Ground		Softening		+				
7-26-1-W5		Ground		Nil		+				
Sunset Ridge 18-26-1-W5	7/lots	Ground		Nil		+				
Hillspring Meadows 32-26-2-W5		Ground								
Springview Water Co-op 27-24-3-W5		Ground								
Hewitt Estates		Ground		Iron Removal		+	Private			
Namao Ridge & Grandview Heights		Ground		Sodium Silicate (iron sequestering)		+	Private			
Brenda Vista W 1/2 17-50-24-4		Ground								
Happy Valley							Septic tanks			To Bow River
Stand-off (Blood Tribe)		Surface					Lagoon			
Plaza Equities N 1/2 14-27-29-4		Ground								
W.B. Jacksonkass E 1/2 26-26-4-W5	19 lots	Ground		Softening, Ir. Rem		+				
NW 12-23-5-W5		Surface		I Gal.						
Lake Era Estates SE 11-24-28-W4	15 lots	Ground		Nil		+				

SUBDIVISIONS		WATERWORKS					WASTEWATER			
Corp. Status	Pop	System	Source	Treatment	F	Cl	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
S 1/2 11 N 1/2 2-24-3-W5	62 lots	Ground		Aeration, Ir. Removal		+				
High Point Estate SE 12-24-28 W4	30 lots	Ground				+				
Bearpaw Village 13-25-3-W5	187 lots	Surface		I Gal., P. Filt		+				
Thunder Lake Pref. Holdings	250	Private					Lagoon	36		Evaporation
Blue Ridge Mnt. NW 18-25-2-W5	15/lots	Surface	Bow River	P. Filt.		+	Private			
Bearspaw Country Club SE 13-25-2-W5	9	Ground		P. Filt.		+	Private			
Crestview Estates SW 5-26-2-W5	7	Ground		Nil			Private			
Bigger Heights SE 1-26-3-W5	7	Ground		Nil			Private			
Bunny Hollow SE 12-26-5-W5	7	Ground		Nil			Private			
Cherry Valley SE 13-26-3-W5	7	Ground					Private			
Horseshoe Bend NE 11-26-3 W5	7	Ground		Nil			Private			
Glen Mara NE 7-26-3-W5	7	Ground		Nil			Private			
Bearspaw Acres SW 7-26-2-W5	6	Ground		Nil			Private			
Eagle Bute Ranches NW 35-24-3-W5	3	Ground		Nil			Private			
Livingston Estates SE 15-25 3 W5	15	Ground		R.O.			Private			

SUBDIVISIONS		WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Idlewild Estates SE 16-25-3-W5	15	Ground		Nil			Private			
Elkana Ranches S 13-23-5-W5	34	Surface	Elbow River	P. Filt.		+	Private			
Lyon Mnt. Estates N 25-23-5-5	70	Surface	Elbow River	P. Filt.		+	Private			
Cullen Creek Estates SE 24-24-3-5	13	Ground		Nil			Private			
Country Estates NW 24-24-3 5	13	Ground		Nil			Private			
Spring Gate Estates SW 13-24-3-5	13	Ground		Nil			Private			
Big Hill Creek SW 30-26-3-5	12	Ground		Nil			Private			
Calling Horse Estates E 2-25-3-5	13	Ground		Nil			Private			
Mountainview Heights NW 21-26-4-5		Ground		Nil			Private			
Spring Bank Meadows SE 28-24-3-5	7	Ground		Nil			Private			
Tower Ridge Estates W 10-25-4-5	15	Ground		Nil			Private			
Prairie Schooner SW 29-23-28-4	30	Ground		Nil		+	Private			
Willowview Estates SE 9-24-27-4	7	Ground		Nil		+	Private			
Tanner Subdivsion NW 31-23-27-4	5	Ground		Nil		+	Private			
Highpoint Estates E 12-24-28 4	30	Ground		Nil		+	Private			

SUBDIVISIONS		WATERWORKS					WASTEWATER			
	Corp. Status / Pop.	System	Source	Treatment	F	Cl_2	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Dewitts Pond NE 31-26-1-5	7	Ground		Nil			Private			
Sunset Ridge Estates SW 18-26-1-5	7	Ground		Nil			Private			
Georgian Del Rich Est. SE 29-25-28-4	22	Ground		Nil			Private			
Lansdown Estates SW 12-24-28-4	24	Ground		Nil		+	Private			
Riverside Subdivision		Ground		Nil			Private			
Willowgrove Subdivision (Hythe)		Ground		Ir. Rem		+	Hythe System			

APPENDIX F

OTHERS

OTHERS		WATERWORKS					WASTEWATER			
	Corp. Status / Pop.	System	Source	Treatment	F	Cl²	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Campground E 9810-38-22-W4										
Airway Motor Hotel							Lagoon - 2L	12		Drainage ditch to Blackmud Creek
Amoco Petro NE 23-72-5-W4							Lagoon - 1L	12		
AOS Research Camp		Trucked from Fort McMurray					Surface discharge			
Aspen Beach Provincial Park		Ground		Nil			Lagoon - 1L			
Beaver Lake Ranger Station		Surface	Beaver Lake	Filter		+	Lagoon - 1L	36		No discharge
Beaver Lake Correctional Camp		Surface	Beaver Lake	P. Filter		+	Lagoon - 1L P(Upgrading)	7		To Swamp
Bert Pratch 33-58-9-W4										
Bowden Shell Service Station							Lagoon			
Brocket Peigan Reserve							Lagoon	12		
Calling Lake Provincial Park		Surface	Calling Lake	I. Gal. P(Filtration)		P	Lagoon - 1L	12		No discharge
Caroline NW 11-36-7-W5							Lagoon			
Coal Valley 25-47-20-W5							Lagoon			
Cold Creek Ranger Station (Nojack)		Ground					Lagoon - 1L, 1S	12	Evaporation	

OTHERS		WATERWORKS					WASTEWATER			
Corp. States	Pop	System	Source	Treatment	F	Cl	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Dekalb Petro 6-40-5-W5							Lagoon			Irrigation
Eagle Butte 35-24-3-W5		Ground								
Edmonton International Airport		Edmonton					Lagoon - 4S, 4L	12	April 22	Whitemud Creek
Elk Island 5-53-21-W4										
Fort Saskatchewan 6-56-22-W4										
Burnt Lake Auction Mart							Lagoon - 1L	12		
Footner Lake	200	Surface	Footner Lake	Comp.		+	Lagoon-1S, 1L	12	Oct. 21	Ditch to Footner Lake
Vega	25		Ground	Nil			Private			
Kasparson Campsite										
Artist View Park N 1/2 30-24-2-W5		Surface								
Saskatoon Island Provincial Park		Ground		P		+	Holding tanks hauled to Wembley			
William A. Switzer Provincial Park		Ground		Nil		+				
Sir Winston Churchill Prov. P.		Surface	Lac La Biche	Nil		+	Hauled to Lac La Biche			
Long Lake Provincial Park		Ground		Iron Removal		+	Lagoon - 1L	+7		Ditch to Long Lake
Thunder Lake Provincial Park		Ground		Nil		+				
Nojack Hotel		Ground		Nil			Lagoon	+7		Swamp to Cold Creek

OTHERS			WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Nordegg Institution		Surface		Filtered		+	Lagoon - 1A, 1L		Continuous	Long Lake
Peace River Correctional Ins.	300	Surface	Peace River	Comp.		+	Ox. Ditch		Continuous	Peace River
Peace River Airport		Surface	Runoff	P. Filt. Charcoal Filt.		+	Lagoon - 1L		Overflow	Strong Creek
Josephine Gas Plant							Lagoon			
Gunn Social Services Centre	100	Ground		Nil		+	Lagoon - 1S	6	May 27, Nov. 14	Swamp
Calgary Power Big Bend	40	Ground		Nil			Lagoon	7		
Judy Creek Esso 7-69-10-W5							Lagoon - 3L	12		
36-53-9-W5							Lagoon - 2L			
Luscar Serco							Act. Sludge			To process ponds to mines
Gregg Lake Resources		Surface					R.B.C.			
Lac Cardinal P.P. 83-24-W5		Ground								
Moonshine Lake P.P. 32-79-8-W6		Surface					Lagoon (PTC)			
Winnegami Lake P.P.		Surface					Lagoon - 1L			
Williamson Park		Ground		W.P.			Holding Tanks Trucked to Young's Point Prov. Park			
Shell Insitu Plant Peace River		Surface	Cadotte Lake	P. Filt.		+	Lagoon - 1S		May 24	
Rosevear Gas Plant		Ground		Nil			Lagoon	36		Evaporation

OTHERS		WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
O'Brien P.P. Grand Prairie		Ground		Nil						
Petro Canada Insitu Plant(Gregoire Lake)		Ground		Nil			Lagoon - 1L	12		
B.C. Forest Prod Saw Mill (Gr. Cache)		Surface		Filtration		+	Lagoon - 1L			
Gregg River Mine										
Gregoire Lake P.P.		Surface	Gregoire Lake	Pres. Filt.		+	Lagoon - 2S, 2L	36		Evaporation
Hastings Lake Bible Camp										
Kananaskis P.P.		Various								
Kinuso Strawberry Service Station		Surface	Strawberry Creek	Coag.		+				
Lac Ste. Anne 35-54-6-W5		Private					Lagoon - 1L	36		
Lake Isle Resort 31-53-5-W5		Private					Lagoon - 2L	24		
Lake Eden							Lagoon			
Lobstick Resort 36-53-9-W5		Private					Lagoon - 1L P(2L)	7		Swamp to Lobstick River
Lottie Lake 35-58-11-W4										
Syncrude Mildred Lake										
Upper Camp		Surface	Athabasca River	Coag., Pres. Filt.		+	5 Ext. Aer. Plants	7		Tailings Pond
Lower Camp		Surface		Coag., Pres. Filt. + carbon		+	Lagoon - 2A	7		Athabasca River
Nakamun Camp							Lagoon - 1L	12		Nakamun Lake
Nordegg Frontier Lodge		Ground		Nil			Lagoon			

OTHERS		WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Nordegg Correc. Institute							Lagoon			
Pigeon Lake Enchantment Valley										
Pigeon Lake Zeiner Park										
Pine Lake Beck's							Lagoon			
Pine Lake (Green Acres T.P.)		Ground					Lagoon			
Pine Lake Resort & Leisure Campgr							Lagoon			
Pine Cove Holiday Park										
Rimbey Gas Plant										
Westlock Mun. 5 Airport		Surface	Runoff	I. gal.			Lagoon	36		No discharge
Young's Point P.P.		Ground		Nil		+	Lagoon - 2L Holding Tank	12		
Little Bow P.P.										
Ellerslie U of A Farm							Lagoon			
Empress Gas Plant							Lagoon			
Mitsue Ind. Park		Surface	Slave River	Amoco System		+	Private			
Grande Prairie Airport		Ground + Trucked from Grande Prairie					Septic tank			continuous to Flying Shot Lake
Carson Lake P.P.		Surface	Carson Lake	P. Filt		+	Lagoon	12	Oct. 9	
High Prairie Airport		Surface	Runoff			+	Private			

OTHERS		WATERWORKS					WASTEWATER			
Corp. Status	Pop.	System	Source	Treatment	F	Cl_2	Treatment	Det. Time in Months	1985 Discharge	Discharge Route
Hilliards Bay P.P.		Ground		Iron Rem., Filt. Pot. Perm.		+	Holding Tanks Trucked to Grouard			
Queen Eliz. P.P.		Ground		Ir. Rem., Soft		+	Holding Tanks Trucked to Grimshaw			
Sheerness (Power Plant)		Surface		Comp.		+	Lagoon - 1S, 1L	+12		Bullpound Cr.
Beaverlodge Agricultural Farm		Ground					Lagoon			